Training

- Universities
  - Workshop and training are conducted to expose students to different applications of remote sensing
  - PhD and Masters student supervision
  - Guest lecturing at university
  - Customised training
    - Hyperspectral (formal)
    - Training for end users, project based
  - Bursaries and scholarship programmes
  - Internship and in-service training
    - Development of practical skills in remote sensing image processing and Application development

Public lectures at universities

University training

Training….(cont)

- Teachers and learners training workshop
  - Basic concepts of remote sensing and GIS technologies and their applications

Training….(cont)

- International capacity building collaboration
  - AMESD capacity building workshop
  - TIGER training workshop
  - GEO Network for Capacity Building (GeoNetCab)

SANSA hosted TIGER Training

SANSA staff at AMESD training

Awareness

- Universities and schools visit SANSA

School learners

University students

Awareness….(cont.)

- SANSA visits Schools

Awareness….(cont.)

- Student and learners engagement
- Science festivals

Data Access

- Fundisa disk
  - Contains : remote sensing sample data, spatial data, open source software
  - Updated and distributed annually to all universities offering Geomatics related studies in South Africa

- SANSA Catalogue
  - Search and order tool for satellite data

- SA-GEO
  - SANSA provides satellite imagery
  - Awareness and distribution of open access data, tools and products

- SumbandilaSat imagery

Current activities

Data access

- Upgrading of SANSA earth observation catalogue
  - Improved search and order facility
    - Integration of catalogue to SAEOS portal

- Fundisa student portal online

- Development of Open Source Image Processing that performs:
  - Image orthorectification
  - Radiometric correction
  - Resolution merge
  - Atmospheric corrections…

Planned activities

- Fundisa disk distribution to SADC region
- Teachers introduction to remote sensing and GIS online course
- Customised remote sensing training for professionals and end users (2013/2014)
    - Introduction to remote sensing and GIS
    - Introduction to programming
    - Disaster management
    - Natural resource management